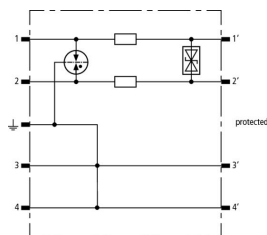


BSP M2 BD HF 5 (926 271)

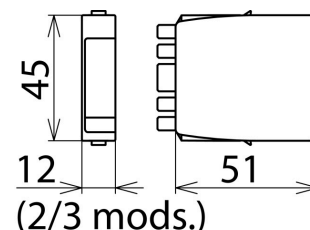
- Minimal signal interference
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_B - 2$ and higher



Figure without obligation



Basic circuit diagram BSP M2 BD HF 5



Dimension drawing BSP M2 BD HF 5

Space-saving surge arrester module for protecting one pair of high-frequency bus systems or video transmission systems with galvanic isolation.

| Type | BSP M2 BD HF 5 |
|--|-------------------------------|
| Part No. | 926 271 |
| SPD class | TYPE 2/PA |
| Nominal voltage (U_N) | 5 V |
| Max. continuous operating voltage (d.c.) (U_C) | 6.0 V |
| Max. continuous operating voltage (a.c.) (U_C) | 4.2 V |
| Nominal current at 45 °C (I_N) | 1.0 A |
| D1 Lightning impulse current (10/350 μ s) per line (I_{imp}) | 1 kA |
| C2 Total nominal discharge current (8/20 μ s) (I_n) | 20 kA |
| C2 Nominal discharge current (8/20 μ s) per line (I_n) | 10 kA |
| Voltage protection level line-line for I_n C2 (U_P) | ≤ 35 V |
| Voltage protection level line-PG for I_n C2 (U_P) | ≤ 600 V |
| Voltage protection level line-line at 1 kV/ μ s C3 (U_P) | ≤ 11 V |
| Voltage protection level line-PG at 1 kV/ μ s C3 (U_P) | ≤ 550 V |
| Series impedance per line | 1.0 ohm(s) |
| Cut-off frequency line-line (f_c) | 100 MHz |
| Capacitance line-line (C) | ≤ 25 pF |
| Capacitance line-PG (C) | ≤ 25 pF |
| Operating temperature range (T_U) | -40 °C ... +80 °C |
| Degree of protection (with plugged-in protection module) | IP 20 |
| Pluggable into | BXT BAS / BSP BAS 4 base part |
| Earthing via | BXT BAS / BSP BAS 4 base part |
| Enclosure material | polyamide PA 6.6 |
| Colour | yellow |
| Test standards | IEC 61643-21 |
| Approvals | UL 497B, CSA, SIL |
| SIL classification | up to SIL3 ^{*)} |
| Weight | 21 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363010 |
| GTIN | 4013364127142 |
| PU | 1 pc(s) |

^{*)} For more detailed information, please visit www.dehn-international.com.

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.